

Docket Number (Optional)

H0002699 (4710)

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled FILTER CIRCUIT HAVING AN FE-BASED CORE, the specification of which

is attached hereto unless the following box is checked.

☐ was filed on \_\_\_\_\_ As United States Application Number or PCT International Application  
Number \_\_\_\_\_ And was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed. Prior Foreign Application(s) Priority Not Claimed

\_\_\_\_\_  
(Number)                      (Country)                      (Day/Month/Year Filed)

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

\_\_\_\_\_  
(Application Number)

\_\_\_\_\_  
(Filing Date)

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

(Application Number)	(Filing Date)	(Status -- patented, pending, abandoned)

\_\_\_\_\_  
(Application Number)                      (Filing Date)                      (Status -- patented, pending, abandoned)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:  
 Roger H. Criss (Reg. No. 25,570), Melanie L. Brown (Reg. No. 31,592 ), Virginia Szigeti (Reg. No. 29,039), Ernest D. Buff (Reg. No. 25,833)

(Reg. No. 25,833)

Address all telephone calls: Roger H. Criss at telephone number 973-455-4796

Address all telephone calls: Roger H. Criss  
Address all correspondence: Honeywell International Inc. - Law Dept.  
101 Columbia Road  
Morristown, NJ 07962

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information a belief are believed to be true; and further that these statements were made with the knowledge that willful false statements are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first inventor (given name, family name) RYUSUKE HASEGAWA

Full name of first inventor (given name, family name) WILLIAM Date \_\_\_\_\_  
 Inventor's signature \_\_\_\_\_ Citizenship USA  
 Residence Morristown, New Jersey  
 Post Office Address 29 Hill Street  
Morristown, New Jersey 07960

Full name of second joint inventor (given name, family name) RONALD J. MARTIS  
Date \_\_\_\_\_

Second Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
Residence East Hanover, New Jersey Citizenship India  
Post Office Address 34 Fairway Drive  
East Hanover, NJ 07936

☒ Additional inventors are being named on separately numbered sheets attached hereto.

Full name of second joint inventor (given name, family name) SESHU V. TATHI  
Third Inventor's signature [Redacted] Date [Redacted]  
Residence Bridgewater, New Jersey Citizenship USA  
Post Office Address 10 Hasting's Court  
Bridgewater, New Jersey 08807

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